

09/812,207

MS158541.1

AMENDMENTS TO THE SPECIFICATION

Please amend the specification as indicated below:

- 1) On page 9, amend paragraph 2 as follows:

For components that implement the custom type descriptor interface 460, type descriptor, instead of examining metadata 440 concerning the instance of the component, requests the custom type descriptor interface 460 to provide information about the instance of the component 450 through the component's custom type descriptor interface 460. The custom type descriptor interface 460 is adapted to monitor information concerning the instance of the component (*e.g.*, attributes) and to manipulate the information before reporting the information to the type descriptor ~~[[460]]~~ 420. Accordingly, the component 450 can dynamically alter information (*e.g.*, attributes such as properties and events) associated with the instance of the component. The type descriptor 420 can store the information in a component entry 430 for the instance of the component 450 and report the information to development tool 410.

- 2) On page 10, amend paragraph 1 as follows:

Fig. 5 illustrates a system 500 for implementing a design time component model discovery service having a container ~~[[570]]~~ 580 having a site 570₁ through an Xth site 570_X, X being an integer. The sites 570₁ through 570_X can be referred to collectively as the sites 570. The sites 570 are adapted to provide a type descriptor filter service interface 580₁ through an Yth type descriptor filter service interface 580_Y, Y being an integer. The type descriptor filter service interfaces 580₁ through 580_Y can be referred to collectively as the type descriptor filter service interface 580.

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- 3) On page 10, amend paragraph 4 as follows:

If the type descriptor filter service interface 580 is provided, the type descriptor 520 obtains information associated with the instance of the component 550. The information (*e.g.*, attributes such as properties and events) can be pure metadata 540 or information manipulated through a custom type descriptor interface ~~[[560]]~~ 580 on the instance of the component 550. The type descriptor 520 then provides the information to the type descriptor filter service 580 that can manipulate the information by: (1) adding additional attributes (*e.g.*, properties and events); (2) removing attributes (*e.g.*, properties and events); and/or (3) replacing attributes (*e.g.*, properties and events) with different values in order to simulate the run time environment.

- 4) On page 14, amend paragraph 3 as follows:

With reference to Fig. ~~[[12]]~~ 8, an exemplary environment 1210 for implementing various aspects of the invention includes a computer 1212, the computer 1212 including a processing unit 1214, a system memory 1216 and a system bus 1218. The system bus 1218 couples system components including, but not limited to, the system memory 1216 to the processing unit 1214. The processing unit 1214 may be any of various commercially available processors. Dual microprocessors and other multi-processor architectures also can be employed as the processing unit 1214.